

Contact MQP

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Take control of your account with Hub, our online customer portal.
 Access invoices, delivery tickets, request quotes, and place orders – all in one place, at the click of a button.
 Speak to your account manager for more information.

MaxiDrain is available from:

-  Baston Asphalt Plant
-  St Ives Asphalt Plant
-  Wednesbury Asphalt Plant

Other MQP Locations

-  Clee Hill Quarry
-  Groby Asphalt Plant
-  Ettingshall Asphalt Plant
-  Northampton Asphalt Plant
-  Griff Asphalt Plant
-  Cliffe Hill Asphalt Plant



MaxiDrain

Excellent drainage and durability



MaxiDrain Technical data sheet

MaxiDrain asphalt has been developed for use in sustainable urban drainage systems (SUDS) to provide excellent drainage and durability.

The solution works in line with current planning requirements by managing rainfall for a wide range of applications including porous or ground water storage technology.

MaxiDrain helps to prevent localised flooding with its unique design. It utilises a premium polymer modified bitumen (PMB) to provide a durable[#] free-draining solution that out-performs traditional open textured asphalt concrete (AC) materials and the requirements for SUDS systems.

Installation

MaxiDrain should be laid in accordance with BS 594987 by surfacing contractors experienced in SUDS installation systems, with attention given to the foundation, drainage characteristics and traffic loading[#]. Due to improved workability, MaxiDrain can be laid by conventional paver or hand-laid.

Maintenance

- Avoid construction and heavy plant using the surface.
- Light traffic should avoid static turning with power steering.
- The surface should be kept as clean as practicable. Vacuum any: leaves, spillages/site detritus.
- Use of power washers is not recommended as debris can be forced into the matrix causing blockages.
- Standard road sweepers can be used occasionally but may damage the surface.
- During Winter use spreaders/applicators to apply rock salt.
- Clear snow with a suitable plastic shovel. If using mechanical means use plastic/rubber buckets or ploughs.

Refer to our **Asphalt aftercare operation and maintenance manual**.

Benefits

- Excellent drainage
- Enhanced durability[#]
- Quicker installation
- Increased stiffness
- 100% recyclable

Use this product for

- SUDS applications
- Sport surfaces
- Footpaths

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MaxiDrain technical data

Coarse aggregate	
Los Angeles abrasion value	30 max
Aggregate abrasion value	15 max
Flakiness index	20 max (30 max for 6mm only)
Nominal sizes	6mm; 10mm; 14mm; 20mm
Binder	High performance polymer modified bitumen (PMB)

Road and laboratory test results

Material property	Test specification	Typical result
Binder drainage	BS EN 12697-18 Beaker Method	< 0.3%
Water sensitivity	BS EN 12697-12 Method A (ITSR) BS EN 12697-23	≥ 80%
Indirect tensile stiffness modulus	BS EN 12697-26 Annex C	> 3,000 MPa
RTPD (wheel tracking)	BS EN 12697-22 Procedure B WTS in Air	≤ 1.0mm/10 ³
Hydraulic conductivity	BS DD 229	> 15,000mm/hr (10mm) > 20,000mm/hr (20mm)

[#]MaxiDrain offers enhanced durability when compared to traditional open textured asphalts. However, before placing an order please review the site compatibility with your local sales/technical team.

For more information on our SUDS range of aggregates used within the MaxiDrain mix, please contact sales at sales@mqp.co.uk

Additional information can be found in the asphalt product matrix or by contacting technical:

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